

ABSTRACT OF DISCLOSURE

A cathode active material having an average discharge potential of 4.5 V or more with respect to Li metal is used, and as
5 an electrolyte, a solvent with higher dielectric constant such as ethylene carbonate, and at least one of dimethyl carbonate and ethylmethyl carbonate are used in combination. A higher operating voltage can be realized while suppressing capacity reduction after cycles and reduction of reliability at a higher
10 temperature.